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A NEW MELOGRAMMA.

A. P. MORGAN.

MELOGRAMMA PATENS Morgan n. sp.—Stroma depressed-pulvinate, cinereous then black, the surface mammillate by the numerous subjacent perithecia. Perithecia, small, ovoid, papillate, lying in a single layer. Asci cylindric, with a short stalk, octosporous, paraphysate, 120-130 x 7-9 mic.; spores fusiform, slightly curved, 3-septate, yellow-brown, 18-22 x 6-7 mic.

Growing on dead branches of *Carpinus americana*, Preston, Ohio, 1896. Stromata gregarious, seated on the inner bark and erumpent through the periderm, 2-3 mm. in diameter, containing from 50 to more than 100 perithecia.

The nearest relative to this species appears to be *Melogramma caucasicus* Jaczewski. The common *Melogramma vagans* DeNot. grew along with it on the same branches, sometimes mingled together, but the difference between them is perfectly obvious to the naked eye.

SOME FUNGI COLLECTED IN NEW MEXICO.

T. D. A. COCKERELL.

For several years I have been preparing a catalogue of the fungi of New Mexico; but it is still hardly more than a fragment, and I do not suppose I shall ever be able to make it anything better, now that I have moved to Colorado. It contains, however, some records which seem worth publishing, as additions

to the New Mexico flora, new host-records, etc., and these are presented herewith. I give in every case the name of the mycologist who kindly identified my material. The material was collected by myself, except when the collector's name is cited.

- Agaricus campestris* L. Pecos (W. P. Cockerell).
Coprinus atramentarius (Bull.) Fr. Pecos (M. Grabham).
Coprinus micaceus (Bull.) Fr. Pecos (Mrs. Cora W. Hewett.)
Stropharia stercorearia Fr. det. Peck. Pecos, prox. 6800 ft.
Polyporus arcularius (Batsch) Fr. det. Peck. Pecos.
Geaster hygrometricus Pers. det. Ellis. Soledad Cañon, Organ Mts.
Geaster floriformis Rit. det. V. S. White. Las Vegas Hot Springs, prox. 7000 ft.
Chondrioderma floriforme (Bull.) Bosc. det. Ellis. Beulah, prox. 8000 ft.
Trichothecium roseum Fr. det. Ellis. Mesilla, on dead wood of *Sambucus mexicana*.
Plowrightia morbosa (Schw.) Sacc. det. F. W. Patterson. Placita, near Las Vegas, on *Prunus demissa*.
Erysiphe communis (Wallr.) Fr. det. Patterson. Las Vegas, on *Polygonum*.
Erysiphe cichoracearum DC. det. Patterson. Pecos, on *Verbena macdougali* Heller.
Pseudopeziza medicaginis (Lib.) Sacc. det. Patterson. Roswell, on alfalfa.
Tubercularia vulgaris Tode. det. Patterson. Placita, on *Prunus demissa*.
Peridermium ephedrae Cke. det. Ellis. East of Las Cruces, on *Ephedra trifurca*.
Phyllachora dasylirii (Pk.) det. Ellis. Soledad Cañon, on *Dasy-lirion wheeleri*.
Melampsora farinosa (Pers.) det. Ellis. Sante Fé, on *Salix*.
Phragmidium rubi (Pers.) Wint. det. Earle. Las Vegas.
Phragmidium occidentale Arthur. det. Earle. Beulah, on *Rubus deliciosus*.
Phragmidium speciosum Fr. det. Patterson. Pecos, on *Rosa pecosensis* Ckll.
Uredo ribicola C. & E. det. Ellis. Las Vegas.
Uromyces scaber E. & E. det. Ellis. Las Vegas, perhaps on *Stipa vaseyi*.
Uromyces limonii DC. (probably) det. Ellis. Nine miles south of Tularosa, on *Limonium limbatum* Small.
Uromyces hyalinus Pk. det. Earle. Las Vegas, on *Sophora sericea*.

- Aecidium lepidii* Tr. & Gall. det. Ellis. Hagerman (Pecos Valley), on *Lepidium alyssoides*.
Aecidium ranunculacearum DC. det. Earle. Las Vegas, on *Ranunculus cymbalaria*.
Aecidium sommerfeltii Johans. det. Earle. Beulah, on *Thalictrum fendleri* Engelm.
Aecidium hydrophylli Pk. det. Earle. Beulah, on *Hydrophyllum fendleri* (Gray) Heller.
Aecidium allenii Clinton det. Earle. Beulah, on *Lepargyrea canadensis*.
Aecidium aquilegiae Pers. det. Earle. Beulah, on *Aquilegia*. (Coll. W. P. Cockerell.)
Aecidium phaceliae Pk. det. Earle and Patterson. Beulah, on *Phacelia cercinata*.
Aecidium brandegei Pk. det. Earle. Las Vegas, on *Asclepias*. (Coll. Clara Gerhardt.)
Aecidium monoicum Pk. det. Patterson. Las Vegas, on *Sophia incisa*, greatly distorting the plant.
Aecidium clematidis DC. det. Patterson. Pecos, on *Clematis ligusticifolia*.
Puccinia tanacetii DC. det. Ellis. Las Vegas.
Puccinia delphinii Diet. & Holw. det. Earle. Sapello Cañon, on *Delphinium sapellonis* Ckll.
Puccinia cryptandri Ell. & Barth. det. Earle. Las Vegas Hot Springs, on *Sporobolus cryptandrus*.
Puccinia gutierreziae E. & E. det. Ellis and Patterson. Glorieta, on *Gutierrezia sarothrae*; also at Mesilla, on *Isocoma wrightii*, and at Mescalero.
Puccinia helianthi, variety. det. Ellis. Mesilla, on *Helianthus ciliaris*.
Puccinia evadens Hark. det. Ellis. Mesilla, on *Baccharis glutinosa* Pers.
Puccinia veratri Niessl. det. Earle. Beulah, on *Veratrum*.
Puccinia xanthii Schw. det. Patterson. Roswell, on *Xanthium commune* Britton.
Puccinia sphaeralceae E. & E. det. Patterson. Roswell, on *Sphaeralcea cuspidata*; Pecos, on *Sphaeralcea fendleri lobata*.
Puccinia tosta Arthur det. Patterson. Albuquerque, on *Sporobolus asperifolius*.
Puccinia malvastri Pk. det. Patterson. Las Vegas, on *Malvastrium cockerelli* A. Nelson. Also Bovina, Texas, on the same plant.
Puccinia menthae Pers. (aecidial stage) det. Patterson. Pecos, on *Monarda stricta*.